

Title (en)
Sensing mechanism

Title (de)
Abtastmechanismus

Title (fr)
Système de détection

Publication
EP 2352159 B1 20141210 (EN)

Application
EP 09821787 A 20091020

Priority
• JP 2009005479 W 20091020
• JP 2008273904 A 20081024

Abstract (en)
[origin: EP2352159A1] Provided is a sheet switch suitable as a sensing mechanism to sense the removal of a subordinate device from a host device. Specifically, the sheet switch (11) is provided with a contact electrode (15) formed in a dome shape with a conductive metal, a counter electrode (21) disposed facing the contact electrode (15), and a metal sheet (20) made of metal that is disposed on the opposite side of the counter electrode (21) from the side facing the contact electrode (15) with insulating members (18, 25) interposed therebetween. The sheet switch (11) becomes conductive when the contact electrode (15) and the counter electrode (21) touch.

IPC 8 full level
H01H 13/79 (2006.01); **G07F 7/08** (2006.01)

CPC (source: EP US)
G07F 7/08 (2013.01 - EP US); **G07F 7/0873** (2013.01 - EP US); **G07F 19/20** (2013.01 - EP US); **G07F 19/205** (2013.01 - EP US); **G07F 19/2055** (2013.01 - EP US); **H01H 13/79** (2013.01 - EP US); **H01H 2215/016** (2013.01 - EP US); **H01H 2231/006** (2013.01 - EP US)

Cited by
EP3007107A4; US11257497B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2352159 A1 20110803; EP 2352159 A4 20130731; EP 2352159 B1 20141210; CN 102197451 A 20110921; CN 102197451 B 20140423; DK 2352159 T3 20150112; JP 2010102980 A 20100506; JP 5236428 B2 20130717; US 2011204146 A1 20110825; US 8496172 B2 20130730; WO 2010047087 A1 20100429

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